

Name \_\_\_\_\_

Date \_\_\_\_\_

## Chapter 8 Quiz Review

**Answer the following either on this paper or your own attached paper.**

1. Define allele.
2. Define Codominance
3. Define genotype
4. Define Heterozygous
5. Define Homozygous Dominant
6. Define Homozygous recessive
7. Define Incomplete dominance
8. Define Multiple Alleles
9. Define phenotype.
10. Define Polygenic
11. What are the reasons pea plants were useful for Mendel to study?
12. What is a Punnett square?
13. What is a test cross?
14. What is the law of segregation?
15. Who was Mendel?
16. Know how to label and explain a pedigree.
17. Be able to do the following four things for each pedigree.
  - write the genotype of the parents
  - draw a Punnett square to show the possible combinations
  - show the genotypic ratio of the F1 generation
  - show the phenotypic ratio of the F1 generation